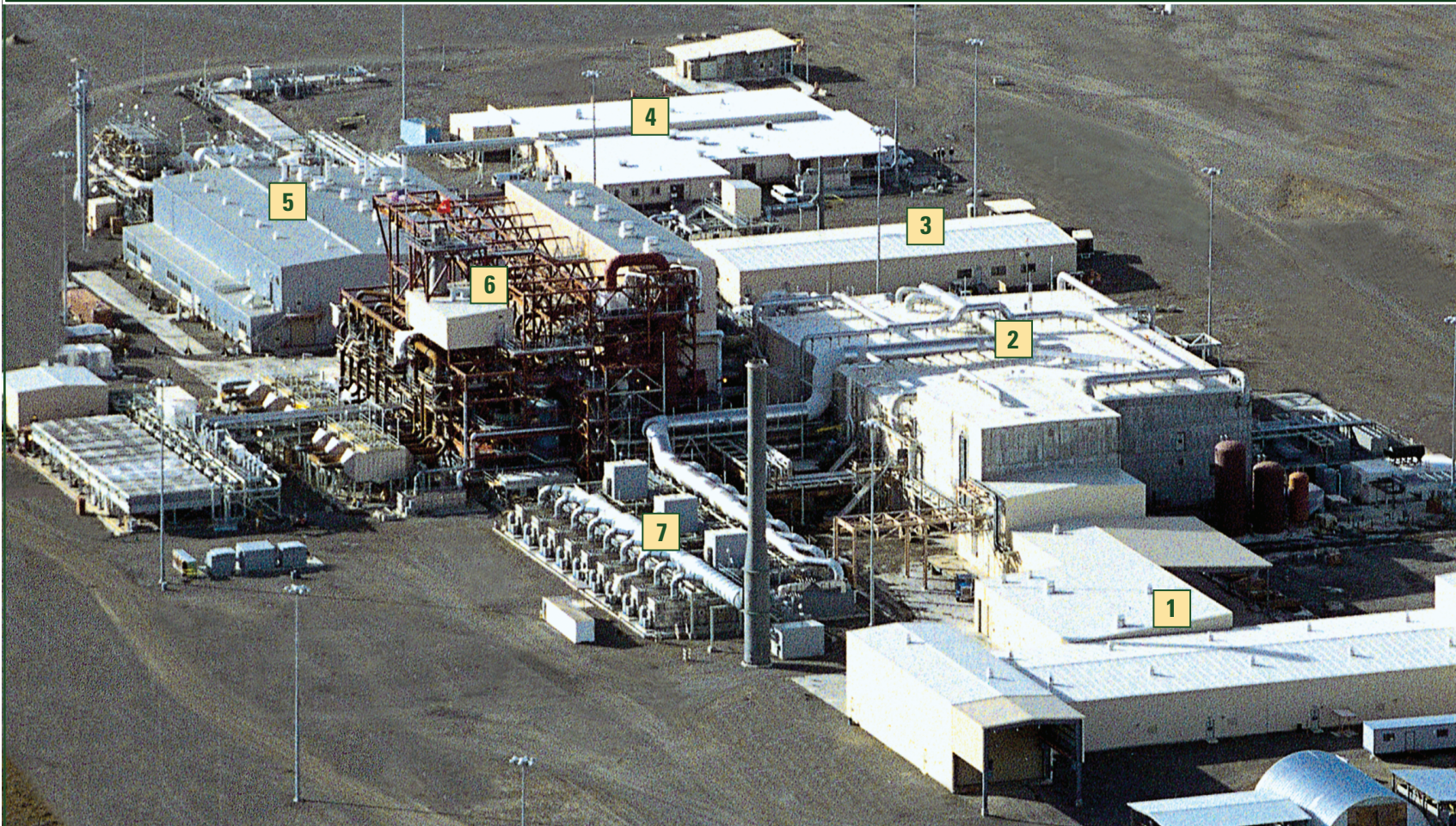




# Umatilla Chemical Agent Disposal Facility



## 1 Container Handling Building

Receives and stores chemical weapons while awaiting processing.

## 2 Munitions Demilitarization Building

Dismantles and incinerates chemical weapons. Control room operators remotely manage the disposal process using computers and video monitoring.

## 3 Laboratory

Monitors for chemical agent, with thousands of air samples taken daily in and around the plant.

## 4 Personnel & Maintenance Building

Includes worker services, medical clinic and treaty compliance.

## 5 Process Utility Building

Treats and checks waste byproducts before shipment to a permitted hazardous waste landfill.

## 6 Pollution Abatement System

Cools and cleans incinerator gases to ensure they meet clean air regulations, with a final pass through carbon filters.

## 7 Plant Air Filter

Filters facility air. A ventilation system and carbon filters ensure no chemical agent inside the plant is released into the environment.

## Construction Resources and Systems



Number of systems: 111 (359 subsystems)  
Excavated earth: 300,000 cubic yards  
Concrete: 25,237 cubic yards  
Concrete placements: 1,643  
Concrete tests: 2,920  
Concrete mixtures: 13 types  
Concrete reinforcing steel: 2,655 tons  
Concrete formwork: 510,000 square feet  
Structural steel: 2,600 tons  
Electrical conduit: 152 miles  
Electrical wire: 819 miles  
Equipment: 2,800 major pieces  
Instruments: 18,000  
Piping: 33 miles

*For more information,  
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